

Storm Data and Unusual Weather Phenomena

June 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

NEW MEXICO Southeast

NMZ0 28-033>034

Eddy County Plains - Central Lea County - Southern Lea County

01	1945MST 2020MST				0	0	15K	0	Dust Storm
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A large and intense haboob swept south across the plains of Eddy and Lea Counties in southeast New Mexico during the early evening of the 1st. The haboob was associated with outflow from distant thunderstorms. It was accompanied by damaging winds in Eddy County (74 MPH measured Gust at Artesia) and severely reduced visibilities in both Lea and Eddy Counties. This photo was taken ten miles west of Artesia (northern Eddy County) on Highway 82. The view is to the north-northwest at 19:40 MST. Photo courtesy Darby Posev, Sun Country, Volunteer Fire Department.

Thunderstorm activity well to the northeast of the Eddy and Lea County plains induced a strong mesohigh and associated outflow winds which evolved into a classic haboob wind and dust storm. The haboob swept south and southeast across most of those counties, and resulted in minor damage. Radar and surface observations indicate the outflow originated as a complex of weak and disorganized storms moved across the area northeast of Roswell, some 50 miles away from northern Eddy County. The Artesia AWOS measured a wind gust of 74 MPH. Real-time reports, along with subsequent photographs provided by the county emergency manager, indicated a large wall of dust associated with the leading edge of the damaging winds. Power poles were blown down as the winds swept across the west side of Carlsbad, at least 60 to 70 miles south of the parent thunderstorms. The haboob significantly reduced local visibilities across both Eddy and Lea Counties, with severe wind gusts limited to Eddy County. As the near surface cold pool spread south, mid level echoes were observed on radar developing just north of the boundary. This very shallow and weak convection (generally 20 to 25 dBZ at 15,000-17,000 feet AGL with no reflectivity echoes above 25,000 ft, and no lightning) possibly contributed to the longevity and intensity of the haboob through evaporation and sublimation of light precipitation aloft.

Lea County 10 E Tatum	03	1650MST			0	0	0	0	Thunderstorm Wind (EG52)
	A severe thunderstorm resulted in wind gusts to 60 MPH along Highway 380 east of Tatum.								
Eddy County 5 S Carlsbad to Carlsbad	05	1832MST 1845MST			0	0	3K	0	Thunderstorm Wind (MG50)
	Several reports of blown down trees and power lines were received from the city of Carlsbad. One tree was a forty feet tall pine tree which was twenty inches in diameter. A 58 MPH severe thunderstorm wind gust was recorded at the Carlsbad Airport.								
Eddy County Carlsbad	05	1834MST			0	0	0	0	Hail(0.75)
Lea County 5 S Tatum	05	1900MST			0	0	0	0	Hail(0.75)
	The public reported a large amount of penny size hail falling near Tatum. Reports indicated the hail killed birds, which then fell out of trees and onto the ground.								
Lea County 2 W Lovington	05	2000MST			0	0	0	0	Thunderstorm Wind (MG65)

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NEW MEXICO Southeast									
A severe thunderstorm wind gust of 75 MPH was recorded at the Lovington Airport. No significant damage was reported.									
Lea County Hobbs	05	2015MST			0	0	5K	0	Thunderstorm Wind (EG57)
A trained weather spotter reported severe thunderstorm winds which resulted in downed power lines in the city of Hobbs.									
Severe thunderstorms affected parts of southeast New Mexico during the evening of the 5th. Large hail and damaging thunderstorm winds were reported.									
Eddy County 3 S Hope to 2 S Hope	09	1715MST 1720MST			0	0	0	0	Hail(1.00)
Eddy County 4 S Artesia to 4.5 S Artesia	09	1800MST			0	0	10K	0	Thunderstorm Wind (EG57)
Severe thunderstorm winds snapped several power poles in half along Highway 285.									
Eddy County Loving	09	1800MST			0	0	5K	0	Thunderstorm Wind (EG61)
Local authorities reported power lines blown down by severe thunderstorm gusts.									
Lea County Hobbs	09	1905MST			0	0	0	0	Thunderstorm Wind (EG57)
Severe thunderstorm wind gusts were reported in Hobbs.									
Thunderstorms moving east into the plains from the New Mexico mountains become severe across parts of Eddy and Lea Counties during the evening of the 9th. These storms resulted in large hail and damaging winds which blew down power poles and lines.									
Lea County Monument	13	1930MST			0	0	0	0	Hail(1.75)
Widespread severe thunderstorms across West Texas during the afternoon and early evening of the 13th resulted in an outflow boundary which moved across parts of the southeast New Mexico plains. Linear strong to severe thunderstorms developed along the boundary by mid evening. One of the stronger storms in the line resulted in large hail near Monument.									
Eddy County 25 E Carlsbad	14	1820MST			0	0	0	0	Hail(1.50)
An isolated low precipitation supercell propagated south to southwest across the plains of Eddy County, mostly across rural areas. The storm affected the U.S. Department of Energy WIPP site east of Carlsbad, where it produced ping pong ball size hail.									
Eddy County 6 NW Carlsbad	20	1451CST			0	0	0	0	Hail(1.75)
Golfball size hail was reported at Brantley Lake.									
Lea County 2 SE Buckeye	20	1705MST 1725MST			0	0	0	0	Hail(1.00)
intermittent hail was reported falling along State Highway 238 near Buckeye for twenty minutes. The hail stones were nickel to quarter size.									
Lea County 8 N Hobbs	20	1729MST			0	0	0	0	Thunderstorm Wind (EG52)
Severe thunderstorms affected the southeast New Mexico plains producing large hail and damaging winds during the afternoon and evening of the 20th.									

TEXAS West

Pecos County Ft Stockton	01	1430CST			0	0	0	0	Hail(0.75)
Brewster County 13 S Alpine	01	1439CST			0	0	0	0	Hail(0.75)
Reported by the U.S Border Patrol at the check point on Highway 118.									

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										June 2003
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage	Crops	Character of Storm	
TEXAS West										
Brewster County										
Alpine	01	1555CST 1615CST			0	0	0	0	Flash Flood	
A local radio station reported flash flooding which resulted in over a foot of water running across city streets in low water crossings.										
Pecos County										
3 E Imperial	01	1556CST			0	0	0	0	Thunderstorm Wind (EG51)	
Pecos County										
12 SE Imperial	01	1610CST			0	0	0	0	Hail(1.75)	
Reported by a trained storm spotter on Highway 11.										
Terrell County										
Sanderson	01	1645CST			0	0	0	0	Hail(0.75)	
Gaines County										
Seminole	01	1705CST			0	0	0	0	Hail(1.00)	
Dawson County										
Patricia	01	1803CST			0	0	0	0	Thunderstorm Wind (EG52)	
Severe thunderstorm winds were accompanied by a wall of dust which reduced visibilities to near zero.										
Martin County										
4 W Tarzan	01	1825CST			0	0	0	0	Thunderstorm Wind (EG57)	
Martin County										
4 W Tarzan to 3 SW Tarzan	01	1840CST 1848CST			0	0	0	0	Hail(1.75)	
Reported by a trained storm spotter at the intersection of Farm to Market Road 1212 and State Route 176, then south along 1212.										
Howard County										
5 S Big Spring to Big Spring	01	1922CST 1925CST			0	0	0	0	Hail(1.00)	
Multiple reports of nickel to quarter size hail were received.										
Martin County										
Stanton	01	1928CST 1931CST			0	0	0	0	Hail(1.75)	
Martin County										
Stanton	01	1933CST			0	0	10K	0	Thunderstorm Wind (EG61)	
Law enforcement officials reported power lines blown down by damaging thunderstorm winds.										
Scurry County										
Snyder to 4 NE Dunn	01	1933CST 1941CST			0	0	0	0	Hail(1.75)	
Mitchell County										
Cuthbert	01	1955CST			0	0	7K	0	Thunderstorm Wind (EG61)	
Severe thunderstorm winds damaged a barn, split a Chinaberry tree, and blew down power lines.										
A round of severe thunderstorms brought large hail, damaging winds, and flash flooding to parts of West Texas late on the 1st.										
Severe thunderstorms initially developed during the late afternoon hours along the mountainous areas. These storms moved east into the adjacent plains, and cold pool interactions generated additional storms near a retreating warm front across the Permian Basin. An isolated supercell thunderstorm tracked across Martin County, and affected the Tarzan and Stanton areas with golfball size hail and damaging winds. Very explosive development occurred during the evening hours along a line from Big Spring to Snyder. These storms also resulted in similar severe weather reports.										
Brewster County										
Marathon	03	1500CST			0	0	0	0	Thunderstorm Wind (EG52)	
Winkler County										
17 NE Kermit	03	1551 CST			0	0	0	0	Hail(0.75)	
Reported on State Route 115.										
Crane County										
16 NW Crane	03	1630CST			0	0	0	0	Thunderstorm Wind (EG52)	
Reported at intersection of Farm to Market Roads 1233 and 1053.										

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<u>TEXAS West</u>									
Ector County Central Portion to Pleasant Farms	03	1639CST 1659CST			0	0	450K	0	Thunderstorm Wind (MG62)
A large severe thunderstorm developed over central Ector County in the area between Odessa and Penwell. This storm resulted in numerous reports of destructive thunderstorm winds with blowing large hail. A wind gust of 71 MPH was measured near Penwell. Gusts likely exceeded this measurement in the Odessa and Pleasant Farms vicinities where more extensive damage occurred. A barn was destroyed in Pleasant Farms, and a tractor trailer was overturned on Highway 302 west of Odessa. The most extensive damage occurred in the city of Odessa. Large trees two and half feet in diameter were uprooted. Power lines and poles were blown down. In addition, several roofs were blown off of weakly constructed structures on the southwest side of the city. An apartment complex sustained significant roof damage from the thunderstorm winds, leaving 60 families without shelter. Many city residents were without electricity until the afternoon of the 5th.									
Ector County Penwell to Pleasant Farms	03	1646CST 1647CST			0	0	0	0	Hail(1.75)
Several reports of large hail to the size of golfballs was reported from Penwell to Pleasant Farms.									
Ector County Odessa	03	1655CST			0	0	0	0	Hail(0.75)
Ector County Odessa	03	1659CST 1930CST			0	0	0	0	Flash Flood
Spotters reported flash flooding in the city of Odessa. Numerous city streets were impassable.									
Midland County (Maf) Midland Intl to 8 S Midland	03	1705CST 1720CST			0	0	105K	0	Thunderstorm Wind (MG51)
Severe thunderstorm outflow winds from the Ector County storm affected the western portions of Midland County. A severe wind gust was measured by the Midland International Airport ASOS. It is likely winds were stronger south and west of the city where twenty six power poles were snapped in half by the thunderstorm winds along Farm to Market 1788, resulting in that highway's temporary closing.									
Crane County 19 WN Crane	03	1725CST			0	0	0	0	Hail(0.75)
Reported at the intersection of Farm to Market Roads 1053 and 1233.									
Borden County 2 SE Gail	03	1740CST 1755CST			0	0	0	0	Thunderstorm Wind (MG56)
Measured by the West Texas Mesonet site near Gail. Indicated wind gust was the average gust over a fifteen minute period.									
Borden County 17 NE Gail	03	1741CST			0	0	0	0	Hail(1.00)
Borden County 17 NE Gail	03	1741CST 1810CST			0	0	0	0	Thunderstorm Wind (EG65)
Scurry County Fluvanna	03	1745CST			0	0	0	0	Thunderstorm Wind (EG52)
Howard County Forsan to Coahoma	03	1800CST 1840CST			0	0	0	0	Hail(1.75)
Numerous reports of penny to golfball hail were received from the cities of Forsan and Coahoma.									
Borden County 5 E Gail	03	1803CST			0	0	0	0	Thunderstorm Wind (EG52)
Borden County 15 E Gail	03	1815CST			0	0	0	0	Hail(1.75)
Borden County 15 E Gail	03	1815CST			0	0	0	0	Hail(1.75)
Reported on Highway 180 just west of the county line.									
Howard County 2 E Forsan	03	1825CST			0	0	3K	0	Hail(2.75)

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<u>TEXAS West</u>									
Borden County 12 NE Gail	Baseball size hail was reported two miles east of Forsan. No significant damage was reported.								
	03	1830CST 2030CST			0	0	0	0	Flash Flood
Scurry County 8 SW Snyder	The intersection of Farm to Market Roads 612 and 2350 was under high water due to flash flooding.								
	03	1830CST 2030CST			0	0	0	0	Flash Flood
Gaines County 5 S Seagraves	Flash flooding caused Farm to Market Road 1806 to be covered by high water.								
	03	1835CST			0	0	0	0	Hail(1.00)
Howard County Coahoma	Pea to quarter size hail was reported on Highway 385.								
	03	1836CST			0	0	0	0	Thunderstorm Wind (EG70)
Scurry County Dermott	Severe thunderstorm wind gusts were estimated by the Coahoma Fire Department. No reports of significant damage were received.								
	03	1845CST			0	0	0	0	Thunderstorm Wind (EG52)
Howard County East Portion	03	1850CST			0	0	100K	0	Flash Flood
	04	0050CST							
TXZ061>062	A significant flash flood event affected the eastern part of Howard County. At least one vehicle was stalled in high water on the access road of Interstate 20 east of Big Spring. The occupants were rescued. Houses were flooded in both Forsan and Coahoma. Pavement on rural roadways was washed away. No injuries were reported.								
	Ector-Midland								
	03	1850CST 2100CST			0	0			Dust Storm



A visually spectacular and widely photographed, hoboob affected the West Texas Permian Basin on the evening of June 3, 2003. This was the second such feature to impact the region within forty-eight hours. The Permian Basin hoboob originated as thunderstorm outflow surged southwest from a pair of supercell thunderstorms which moved out of the Texas South Plains, and evolved into a large convective complex over the northeast Permian Basin. Although wind speeds associated with the hoboob were non-severe, visibilities were reduced to near zero.

Storm Data and Unusual Weather Phenomena

June 2003

		Time Local/ Standard	Path Length	Path Width	Number of Persons		Estimated Damage		
Location	Date	Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm
<u>TEXAS West</u>									

Storm Data and Unusual Weather Phenomena

June 2003

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
TEXAS, West									
Reagan County Big Lake	05	0100CST 0105CST			0	0	0	0	Thunderstorm Wind (EG52)
Scurry County 8 WNW Dermott	05	0100CST 0200CST			0	0	0	0	Flash Flood
			Flash flooding resulted in high water covering the intersection of Farm to Market Roads 2126 and 612.						
Scurry County Snyder to 3 E Snyder	05	0100CST 0105CST			0	0	60K	0	Thunderstorm Wind (MG52)
			A severe thunderstorm wind gust was measured by the West Texas Mesonet site near Snyder. Several warehouse type structures received considerable damage.						
Glasscock County Lees	05	0115CST			0	0	0	0	Thunderstorm Wind (EG52)
TXZ061									
			Ector						
	05	0118CST			0	0	3K	0	High Wind (EG57)
			Several reports of high and damaging winds were received from parts of Ector County, including in West Odessa where a barn was destroyed. This area was removed from the severe thunderstorm activity by approximately 35 miles, with the winds occurring in an area of more stratiform precipitation west of the main convective complex.						
Midland County Greenwood	05	0125CST			0	0	5K	0	Thunderstorm Wind (EG57)
			Law enforcement officials reported several power lines blown down by severe thunderstorm winds in Greenwood.						
Howard County 14 N Big Spring to 5 E Big Spring	05	0130CST 0430CST			0	0	0	0	Flash Flood
			Local law enforcement officials reported flash flooding which resulted in high water running over many area roadways, including city streets in Big Spring, and Farm to Market Road 2230 north of the city. Over one foot of water covered Midway Road east of Big Spring.						
Mitchell County Colorado City	05	0130CST 0330CST			0	0	3K	0	Flash Flood
			Local officials reported flash flooding which resulted in high water in parts of Colorado City. One report indicated the water was "knee high" outside a partially flooded trailer home.						
			Severe weather affected parts of West Texas during the late evening of the 4th and the early morning hours of the 5th. Although an isolated severe storm produced large hail in the Big Bend region near Marathon, most of the activity was concentrated across the eastern half of the Permian Basin. Most of the reports received were the result of a large and organized MCS which evolved into a bow echo structure as it propagated across the area. Reports of severe winds were common, although damage was limited to mainly downed trees, power poles and lines. Reports of large hail and flash flooding were also received with this complex of storms.						
Jeff Davis County 10 W Ft Davis to 2 S Ft Davis	05	1445CST 1458CST			0	0	0	0	Hail(0.75)
Brewster County 7 N Alpine to 6.8 NNE Alpine	05	1515CST 1525CST	0.2	50	0	0	0	0	Tornado (F0)

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TEXAS West



This landspout tornado developed seven miles north of Alpine, Texas during the afternoon of June 5, 2003. The tornado persisted ten minutes as it drifted very slowly to the southeast in the rural country side of the Texas Big Bend. Photo courtesy John Ryan-Alpine, Texas.

Several local authorities reported a tornado which developed north of the city of Alpine, and moved very slowly toward the southeast over the next ten minutes. Radar indicated a severe thunderstorm in the area, but no indication of supercellular characteristics. This evidence, combined with photographs taken by Alpine authorities, indicate the tornado was likely a landspout type tornado. No damage was reported.

Reeves County 4 N Orla	05	2020CST			0	0	0.10K	0	Thunderstorm Wind (EG52)
Severe thunderstorm winds ripped a door from the hinges on a residential structure.									
Gaines County 2 N Seminole	05	2125CST 2135CST			0	0	0	0	Thunderstorm Wind (MG53)
Severe thunderstorm wind gusts were measured by the West Texas Mesonet site near Seminole.									
Ward County 3 E Barstow	05	2130CST			0	0	5K	0	Lightning
Lightning struck a 300 foot radio antenna, knocking an FM radio station off the air. Some of the station's equipment was destroyed.									
Dawson County 8 SE Lamesa	05	2230CST			0	0	0	0	Thunderstorm Wind (EG52)
Martin County 6 NE Lenorah	05	2230CST			0	0	0	0	Thunderstorm Wind (EG57)
Gaines County Seminole	05 06	2258CST 0100CST			0	0	0	0	Flash Flood
Law enforcement officials reported high water over several roadways in Seminole due to flash flooding. Highway 385 was reported to be under water as a result of the flooding.									
Ector County 1 E Penwell to Pleasant Farms	05	2307CST 2335CST			0	0	105K	0	Thunderstorm Wind (MG53)

A trained weather spotter measured a 61 MPH severe thunderstorm wind gust with a home weather station near Penwell. These winds were responsible for overturning a tractor trailer on Interstate 20 at mile marker 102. The storm then propagated southeast toward the Pleasant Farms vicinity. Several weakly constructed homes were heavily damaged in Pleasant Farms. Winds associated with the storm were likely higher than indicated across the southeast portions of the county, where most of the damage was concentrated. Due to the light construction of the damaged structures, the sole measured wind gust is referenced here instead of a damage based estimate.

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TEXAS West								
Ector County Odessa	05 06	2325CST 0100CST			0	0	0	Flash Flood
			Flash flooding resulted in reports of "extensive" street flooding in the city of Odessa. Numerous city streets were impassable.					
Upton County Rankin	06	0000CST			0	0	0	Thunderstorm Wind (EG57)
			The public reported winds estimated at 65 MPH in the city of Rankin as the severe thunderstorm previously responsible for damage in Ector County continued southeast across Upton County. These winds did not result in significant damage, but blew a trampoline a considerable distance					
			In a near repeat of the previous day's severe weather activity, thunderstorms initiated along the higher terrain of West Texas and New Mexico. A thunderstorm near Alpine produced a ten minute duration tornado. More widespread severe weather affected the area during the late evening, and into the early morning hours of the 6th. For the second night in a row, a severe linear MCS took on a bow echo structure as it moved southeast across parts of Dawson and Martin Counties. In addition, a severe thunderstorm developed over the southern parts of Ector County, and resulted in damaging winds from Penwell to Pleasant Farms.					
Upton County Rankin	07	1707CST 1720CST			0	0	0	Hail(1.75)
Reagan County 11 N Stiles	07	1755CST 1815CST			0	0	0	Thunderstorm Wind (EG70)
			A trained stomp spotter estimated severe thunderstorm winds of at least 80 MPH. The winds broke tree limbs up to eight inches in diameter.					
Andrews County Andrews	07	1822CST			0	0	0	Hail(0.88)
Glasscock County St Lawrence to Garden City	07	1840CST 1915CST			0	0	0	Hail(1.75)
			Law enforcement officials reported large hail between quarter and golfball size from St. Lawrence to Garden City.					
Scurry County Hermleigh	07	2210CST			0	0	0	Hail(1.75)
			The Snyder Fire Department reported golfball size hail in Hermleigh.					
			Severe thunderstorms developed in advance of a dryline across parts of the Permian Basin during the evening of the 7th. These storms resulted in large hail up to the size of golfballs and severe thunderstorm winds of 80 MPH.					
Presidio County Marfa to 1 E Marfa	08	1715CST 1723CST			0	0	0	Hail(1.50)
			Multiple reports of hail ranging from nickel to ping pong ball size were received from the Marfa vicinity as an isolated severe thunderstorm affected the area.					
Terrell County 5 W Dryden	09	1717CST			0	0	0	Hail(1.00)
Ward County Grandfalls	09	1810CST 1820CST			0	0	0	Hail(1.00)
Ward County Grandfalls	09	1815CST 1820CST			0	0	2K	Thunderstorm Wind (EG57)
			A large tree was blown down. In addition, an empty but very large tank on the city's water tower was moved a small distance.					
Pecos County Imperial	09	1940CST			0	0	0	Hail(1.25)
Pecos County 3 N Ft Stockton	09	2015CST			0	0	0	Hail(0.75)
			Reported on Highway 285.					

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Ward County					Killed	Injured	Property Crops	
Monahans	09	2020CST			0	0	50K 0	Thunderstorm Wind (EG61)
								Severe thunderstorm winds resulted in several roofs being blown off of businesses in Monahans, including the Boys and Girls Club.
								In addition, a new radio antenna tower which was installed by the city just nine months prior to the storm was blown down and destroyed.
Brewster County								
16 NE Terlingua	09	2030CST			0	0	50K 0	Thunderstorm Wind (EG61)
								Several structures at Terlingua Ranch sustained roof damage and a few barns were destroyed.
Ector County								
8 W Odessa	09	2035CST			0	0	0 0	Thunderstorm Wind (MG60)
								A severe thunderstorm wind gust of 69 MPH was measured by a trained spotter with a home weather station.
Pecos County								
6 W Ft Stockton to Ft Stockton	09	2048CST			0	0	0 0	Hail(0.75)
								Several reports of penny size hail were reported by spotters along Interstate 10 in Fort Stockton and west of the city.
Pecos County								
6 W Ft Stockton to 11 W Ft Stockton	09	2050CST 2215CST			0	0	0 0	Flash Flood
								Storm spotter reported flash flooding which resulted in high water flowing over Interstate 10 west of Fort Stockton. By late evening, two feet of water was reported flowing over the interstate service road eleven miles west of Fort Stockton.
Gaines County								
1 SW Seagraves	09	2105CST			0	0	0 0	Thunderstorm Wind (MG56)
								Severe thunderstorm wind gust measured by the West Texas Mesonet.
Midland County								
Midland Arpt to Midland	09	2117CST 2118CST			0	0	0 0	Thunderstorm Wind (MG50)
								A severe thunderstorm wind gust was measured at the Midland International Airport ASOS. The general public estimated 65 MPH winds in northeast Midland. No significant damage was reported.
Martin County								
Stanton	09	2125CST			0	0	0 0	Thunderstorm Wind (EG52)
Ector County								
Odessa	09	2130CST			0	0	35K 0	Lightning
								A lightning strike sparked a fire which destroyed a home in Odessa, leaving a family homeless.
Midland County								
4 NW Spraberry	09	2130CST 2200CST			0	0	0 0	Thunderstorm Wind (EG61)
								Large trees were blown down on Farm to Market Road 307.
Dawson County								
Patricia	09	2138CST			0	0	0 0	Thunderstorm Wind (EG52)
Glasscock County								
3 W Garden City	09	2144CST			0	0	0 0	Thunderstorm Wind (EG61)
								Law enforcement officials reported a car was blown off a rural road just north of Highway 158.
Howard County								
Big Spring to Coahoma	09	2200CST 2215CST			0	0	0 0	Thunderstorm Wind (EG61)
								Numerous reports of severe thunderstorm winds between 60 and 70 MPH were received from Big Spring to Coahoma. No significant reports of damaged were received.
Borden County								
16 SW Gail	09	2205CST 2210CST			0	0	0 0	Thunderstorm Wind (EG57)
								A local farmer reported 65 MPH severe thunderstorm winds.
Mitchell County								
9 W Colorado City	09	2215CST			0	0	0 0	Thunderstorm Wind (EG52)

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					Killed	Injured			Character of Storm
Scurry County 2 SW Knapp	09	2228CST			0	0	0	0	Thunderstorm Wind (EG52)
Glasscock County 6 S Garden City	09	2240CST 2255CST			0	0	0	0	Flash Flood
Flash flooding resulted in over a foot of water crossing Highway 137 south of Garden City.									
Midland County Midland	09 10	2320CST 0015CST			0	0	0	0	Flash Flood
Local officials reported flash flooding from earlier heavy rain resulting in high water flowing over a bridge, and onto Highway 158 just south of Interstate 20.									
Severe thunderstorms which developed along the mountains of West Texas moved east across the Permian Basin through the evening hours. These storms evolved into a squall line which produced widespread severe weather, including damaging winds and hail. The most significant damage occurred in the Monahans vicinity.									
Terrell County 21 NNE Sanderson	11	1200CST			0	0	0	0	Hail(3.00)
A rancher a few miles north of Farm to Market Road 2400 in rural parts of northwest Terrell County reported three inch hail stones as a supercell thunderstorm moved across rural sections of the county. The hail stones were reported to be sporadic.									
Pecos County 24 SSW Bakersfield	11	1559CST			0	0	0	0	Hail(1.00)
The public reported nickel to quarter size hail.									
Mitchell County 2 ESE Cuthbert	11	1600CST			0	0	0	0	Hail(0.75)
Terrell County 21 NNE Sanderson	11	1626CST 1640CST			0	0	0	0	Hail(1.75)
Golfball size hail was reported by a rancher a few miles north of Farm to Market Road 2400 in rural parts of northwest Terrell County. This was the second supercell thunderstorm to result in large hail at this rancher's location on the 11th. The first severe thunderstorm impacted northwest Terrell County between four and five hours earlier with up to three inch hail, and is listed previously.									
Scurry County 3 S Hermleigh	11	1700CST			0	0	0	0	Hail(0.75)
Severe thunderstorms developed just east of a dryline across the eastern Permian Basin and Lower Trans Pecos on the 11th. Two very intense supercell storms impacted parts of southeast Pecos and northwest Terrell Counties this day. The second storm became potentially tornadic as it moved southeast across central Terrell County, with very strong radar indications of tornadic activity. Two reports of large funnel clouds were received from spotters and the public. These funnels were observed at considerable distances from the storm as it tracked across remote rural areas. The witnesses could not confirm debris at the ground, or any other evidence of a tornado. Other severe thunderstorms developed further north along the dryline. These storms exhibited characteristics consistent with low precipitation supercells, and produced large hail.									
Glasscock County 5 SW St Lawrence	13	1325CST 1420CST			0	0	0	0	Flash Flood
Flash flooding resulted in high water covering several rural roadways in southwest Glasscock County. Farm to Market Road 1357 was impassable.									
Mitchell County 14 S Colorado City	13	1330CST 1400CST			0	0	0	0	Flash Flood
Flash flooding resulted in high water flowing over County Road 337.									
Midland County 26 ESE Midland Arpt	13	1345CST 1420CST			0	0	0	0	Flash Flood
Over three feet of water was reported flowing over the intersection of Farm to Market Roads 1357 and 1379 as a result of flash flooding.									

Storm Data and Unusual Weather Phenomena

June 2003									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Property Damage	Estimated Damage Crops	Character of Storm
TEXAS West									
Midland County 26 ESE Midland Arpt	13	1345CST			0	0	0	0	Hail(1.75)
	Reported at the intersection of Farm to Market Roads 1357 and 1379.								
Glasscock County Garden City	13	1400CST 1415CST			0	0	0	0	Hail(0.88)
Upton County Midkiff	13	1412CST 1419CST			0	0	0	0	Hail(0.88)
Howard County 1 S Big Spring	13	1415CST			0	0	0	0	Hail(1.00)
Howard County Big Spring	13	1425CST 1430CST			0	0	4K	0	Thunderstorm Wind (EG57)
	Ham radio spotters reported that severe thunderstorm winds blew down power lines and blew the roof off of a metal storage building on the northeast side of Big Spring.								
Midland County 9 NE Midland	13	1515CST 1520CST			0	0	0	0	Hail(1.75)
	Reported on County Road 1133.								
Reagan County 11 NNW Stiles	13	1515CST			0	0	0	0	Hail(0.88)
	Reported on Farm to Market Road 1357.								
Dawson County 8 NE Lamesa	13	1525CST			0	0	0	0	Hail(0.75)
	Reported at the intersection of Highway 87 and Farm to Market Road 2411.								
Midland County Midland to Greenwood	13	1529CST 1600CST			0	0	25K	0	Hail(1.75)
	Numerous reports of large hail ranging in size from quarters to golfballs were received from the north and east sides of the city of Midland. The swath of hail generally stretched east and southeast from the Wal-Mart store at Midland Drive and Loop 250 in Midland to Greenwood. No reports of significant damage were received, however, minor damage to vehicles and roofs likely occurred.								
Reagan County 10 NW Texon	13	1630CST			0	0	0	0	Thunderstorm Wind (EG57)
	Reported on Farm to Market Road 1558 just east of the Upton/Reagan County line.								
Dawson County Lamesa	13	1730CST			0	0	0	0	Hail(1.00)
	Reported on the north side of the city.								
Crane County 18 S Crane	13	1810CST 1830CST			0	0	5K	0	Thunderstorm Wind (EG57)
	Severe thunderstorm winds at the Rio Pecos Power Plant resulted in damage to Power Unit #5.								
Pecos County Girvin	13	1831CST			0	0	0	0	Hail(0.88)
Pecos County Bakersfield	13	1850CST			0	0	0	0	Thunderstorm Wind (EG52)
Pecos County 5 W Bakersfield	13	1905CST			0	0	0	0	Hail(1.75)
	Reported on Interstate 10.								
Gaines County Seminole	13	1917CST 1919CST			0	0	0	0	Hail(0.88)

Storm Data and Unusual Weather Phenomena

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage Property	Estimated Damage Crops	June 2003 Character of Storm
					Killed	Injured			
Andrews County Andrews	13	2146CST			0	0	0	0	Thunderstorm Wind (EG52)
									Severe thunderstorms were widespread across the Permian Basin on the 13th. Numerous storms resulted in large hail and damaging thunderstorm winds. Flash flooding also resulted. A pair of supercell thunderstorms trained across northern Midland County. The second of these storms produced golfball hail over a large swath of the city of Midland. Other supercell thunderstorms resulted in hail up to the size of golfballs across southeast Midland County and Pecos County.
Loving County 4 SSW Red Bluff Res	14	2037CST			0	0	0	0	Hail(1.75)
									An isolated and long lived low precipitation supercell moved south across the New Mexico state line and into West Texas. An NWS COOP observer reported golfball size hail near Red Bluff Lake on the Reeves/Loving County line.
Reeves County 5 N Orla	14	2037CST			0	0	0	0	Hail(1.75)
Ward County 3 SE Grandfalls	14	2143CST 2145CST			0	0	0	0	Thunderstorm Wind (EG52)
Ward County 3 SE Grandfalls	14	2150CST			0	0	0	0	Hail(0.75)
Pecos County 7 SW Imperial	14	2200CST			0	0	0	0	Thunderstorm Wind (EG52)
									A local deputy reported severe thunderstorm winds at the intersection of Farm to Market Roads 1450 and 1053.
									A long-lived supercell thunderstorm moved south out of southeast New Mexico, and resulted in large hail across parts of the Upper Trans Pecos. As this storm weakened, additional severe thunderstorms developed along a line just south of Interstate 20. This line of storms moved south and resulted in severe thunderstorm winds and hail.
Loving County 4 N Mentone	20	1645CST			0	0	0	0	Hail(1.75)
Reeves County 6 SE Orla	20	1658CST			0	0	0	0	Hail(0.88)
									Reported along Highway 285.
Jeff Davis County Ft Davis	20	1918CST 1920CST			0	0	0	0	Hail(0.75)
Gaines County Higginbotham	20	1925CST 1937CST			0	0	0	0	Flash Flood
									A spotter reported flash flooding resulting in high water flowing in the city streets of Higginbotham.
Presidio County 20 WNW Marfa	20	2000CST			0	0	0	0	Thunderstorm Wind (MG62)
									A severe thunderstorm wind gust of 70 MPH was measured at a federal government facility in northern Presidio County.
Jeff Davis County Ft Davis	20	2025CST 2115CST			0	0	0	0	Flash Flood
									The fire department reported flash flooding which resulted in high water flowing through several city streets in Fort Davis.
Presidio County 10 E Marfa	20	2030CST			0	0	15K	0	Thunderstorm Wind (EG61)
									A tractor-trailer carrying cattle was overturned by severe thunderstorm winds on Highway 67/90 one mile east of the Marfa Lights viewing Area. Reports did not indicate the status of the cattle.
									Severe thunderstorms affected parts of the Texas Big Bend, Trans Pecos, and western Permian Basin during the afternoon and evening of the 20th. Some of these storms resulted in large hail, damaging winds, and flash flooding.
Andrews County 3 SW Andrews	22	1845CST			0	0	0	0	Hail(1.75)
Andrews County 3 W Andrews to Andrews	22	1855CST 1900CST			0	0	30K	0	Thunderstorm Wind (EG61)

Storm Data and Unusual Weather Phenomena

June 2003									
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Injured	Property Damage Crops	Character of Storm	
<u>Texas West</u>									
								A very intense storm developed rapidly at the intersection of two outflow boundaries over Andrews County. The Storm produced golfball size hail and an intense downburst which destroyed a barn just west of town, blew down power poles, and blew a large tree across a city street in town.	
Ector County Penwell	23	1912CST			0	0	0	0	Thunderstorm Wind (EG52)
								A few strong to severe thunderstorms developed over the western Permian Basin and Upper Trans Pecos region of West Texas During the afternoon and evening of the 23rd. One of these storms resulted in severe wind gusts in Ector County	
Howard County Big Spring	25	1923CST 1930CST			0	0	0	0	Hail(1.00)
								Several reports of large hail were received from Big Spring. Quarter size hail was reported near the airport on the west side of the city. Hail up to the size of pennies was reported in the downtown area.	
Howard County Big Spring	25	1925CST			0	0	2K	0	Thunderstorm Wind (EG57)
								A severe thunderstorm wind gust resulted in minor roof damage to a structure on the west side of Big Spring.	
Glasscock County 13 SW St Lawrence to 6 W St Lawrence	25	2035CST 2130CST			0	0	0	0	Flash Flood
								Flash flooding caused areas of high water to run across Farm to Market Road 2401 from the county line to Highway 137.	
Reagan County 21 NW Stiles	25	2035CST 2115CST			0	0	0	0	Flash Flood
Upton County Midkiff to 1 E Midkiff	25	2035CST 2110CST			0	0	0	0	Flash Flood
								Flash flooding resulted in high water flowing down city streets in Midkiff.	
Midland County 19 S Spraberry	25	2040CST 2120CST			0	0	0	0	Flash Flood
								Flash flooding washed out County Road 1090 near the Upton County line.	
								strong to severe thunderstorms resulted in flash flooding across the central Permian Basin on the 25th. One Storm became severe producing large hail and minor wind damage in Big Spring.	
Reeves County 3 S Saragosas	26	1300CST 1315CST			0	0	0	0	Hail(0.75)
								The public reported penny size hail falling at a gas station along Interstate 10 for fifteen minutes.	
Terrell County 28 NNE Dryden	26	1415CST			0	0	0	0	Thunderstorm Wind (EG52)
								Reported at the Terrell County Gas Plant.	
Jeff Davis County 31 NNW Ft Davis	26	1435CST 1437CST			0	0	0	0	Hail(0.75)
								Reported by a rural resident.	
								An unseasonably strong cold front swept south across West Texas on the 26th. Severe thunderstorms developed near the front across the Davis Mountains and the Lower Trans Pecos. These storms resulted in large hail and severe thunderstorm winds.	